



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Teresio SIGNAROLDI et al.

Application No.: 10/031,411

Filed: April 18, 2002

For: IMPROVEMENTS IN AND RELATING  
TO UNDERWATER PIPE-LAYING

Group Art Unit: 3677

Examiner: Katherine W. Mitchell

Confirmation No.: 2144

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: September 9, 2003

By: William C. Rowland  
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

**RECEIVED**  
SEP 11 2003  
**GROUP 3600**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
)  
Teresio SIGNAROLDI et al. ) Group Art Unit: 3677  
)  
Application No.: 10/031,411 ) Examiner: K. Mitchell  
)  
Filed: April 18, 2002 ) Confirmation No.: 2144  
)  
For: IMPROVEMENTS IN AND RELATING )  
TO UNDERWATER PIPE-LAYING )

**SECOND  
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**  
SEP 11 2003  
**GROUP 3600**

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

The filing of this Information Disclosure Statement shall not be construed as a representation that a prior art search has been made.

The filing of this Information Disclosure Statement shall not be construed to be an admission that each of the references submitted herewith is in fact prior art with respect to the present application, or that each of the references is considered to be material to patentability as defined in § 1.56(b).

The documents are being submitted within 3 months of the filing and before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

09/10/2003 TLWU11 00000008 10031411

01 FC:1806

180.00 OP

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: September 9, 2003

By:

William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

SEP 09 2003

SHEET 1 OF 2

Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO.  
000035-044

APPLICATION No.  
10/031,411

**SECOND INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICANT  
Teresio SIGNAROLDI et al.

FILING DATE  
April 18, 2002

GROUP  
3677

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,591,294		Foulkes	05-27-1986
	4,765,776		Howson	08-23-1988
	3,777,115		Kazlauskas et al.	12-04-1973
	3,800,116		Tanaka et al.	03-26-1974
	4,145,593		Merrick et al.	03-20-1979
	4,151,395		Kushner et al.	04-24-1979
	4,283,617		Merrick et al.	08-11-1981
	4,350,868		Takagi et al.	09-21-1982
	4,373,125		Kazlauskas	02-08-1983
	4,380,695		Nelson	04-19-1983
	4,417,126		Kasahara et al.	11-22-1983
	4,485,291		Nomura et al.	11-27-1984
	4,495,400		Thompson	01-22-1985
	4,525,616		Slavens	06-25-1985
	4,631,386		Slavens	12-23-1986
	4,990,743		Kugai et al.	02-05-1991
	5,030,812		Sugitani et al.	07-09-1991
	5,146,064		Poirier	09-08-1992
	5,347,101		Brennan et al.	09-13-1994
	6,124,566		Belloni et al.	09-26-2000
	3,974,356		Nelson et al.	08-10-1976
	5,126,523		Rinaldi	06-30-1992
	6,429,405		Belloni et al.	08-06-2002
	4,441,011		Nomura et al.	04-03-1984
	2,215,460		Childress	09-24-1940

RECEIVED

SEP 11 2003

GROUP 3600

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes	Translation No
	91/09700		WIPO	07-11-1991		
	0 021 856	A1	EPO	01-07-1981		
	0 439 975	A1	EPO	08-07-1991		X
	0 706 849	A1	EPO	04-17-1996		
	0 076 018	A1	EPO	04-06-1983		
	0 852 984	A1	EPO	07-15-1998		
	0 402 648	A2	EPO	12-19-1990		
	59-191575		Japan	10-30-1984		X
	62-118976		Japan	05-30-1987	Abstract Only	
	330 519		New Zealand	10-28-1998		

SEP 09 2003

SHEET 2 OF 2

Substitute for forms 1449A/PTO & 1449B/PTO

**SECOND INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

ATTORNEY'S DKT NO.  
000035-044

APPLICATION NO.  
10/031,411

APPLICANT  
Teresio SIGNAROLDI et al.

FILING DATE  
April 18, 2002

GROUP  
3677

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	U.S. Patent Application No. 10/361,856 - "UNDERWATER PIPE-LAYING", Umberto GIOVANNINI et al.

Examiner  
Signature

Date  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**RECEIVED**

SEP 11 2003

**GROUP 3600**